The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

(Currently Amended): A method for the treatment or prevention of an hepatitis
 C infection in a host comprising administering to said host a therapeutically effective amount
 of a compound having the formula Ib or a pharmaceutically acceptable salt thereof:

wherein

B is a nucleotide purine radical, a nucleotide pyrimidine radical or an analogue of a nucleotide purine radical or a nucleotide pyrimidine radical, wherein said analogue is derived by replacement of a CH moiety by a nitrogen atom in a nucleotide purine or pyrimidine radical, replacement of a nitrogen atom by a CH moiety in a nucleotide purine or pyrimidine radical, or both; or derived by removal of ring substituents of said nucleotide purine radical or pyrimidine radical; or combinations thereof; and said analogue is optionally substituted by halogen, hydroxyl, amino, or C₁₋₈ alkyl;

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monophosphate, diphosphate, triphosphate,

carbonyl which is substituted by a straight, branched or cyclic alkyl having up to 6 C atoms wherein the alkyl is unsubstituted or substituted by halogen, nitro, CONH₂, COOH, O-C₁₋₆ alkyl, O-C₂₋₆ alkenyl, O-C₂₋₆ alkynyl, hydroxyl, amino, or

cooq,

C2-6 alkenyl which is unsubstituted or substituted by halogen, nitro, CONH2,

COOH, O-C₁₋₆ alkyl, O-C₂₋₆ alkenyl, O-C₂₋₆ alkynyl, hydroxyl, amino, or COOQ, C₂₋₆ alkynyl which is unsubstituted or substituted by halogen, nitro, CONH₂, COOH, O-C₁₋₆ alkyl, O-C₂₋₆ alkenyl, O-C₂₋₆ alkynyl, hydroxyl, amino, or COOQ, C $_{6-10}$ aryl which is unsubstituted or mono- or di-substituted with OH, SH, amino, halogen or C₁₋₆ alkyl, or

Re is, in each case independently, H, straight chain, branched chain or cyclic C₁₋₆ alkyl which is unsubstituted or substituted by or substituted by halogen, nitro, CONH₂, COOH, O-C₁₋₆ alkyl, O-C₂₋₆ alkenyl, O-C₂₋₆ alkynyl, hydroxyl, amino, or COOQ, C₂₋₆ alkenyl which is unsubstituted or substituted by or substituted by halogen, nitro, CONH₂, COOH, O-C₁₋₆ alkyl, O-C₂₋₆ alkenyl, O-C₂₋₆ alkynyl, hydroxyl, amino, or COOQ, C₂₋₆ alkynyl which is unsubstituted or substituted by or substituted by halogen, nitro, CONH₂, COOH, O-C₁₋₆ alkyl, O-C₂₋₆ alkenyl, O-C₂₋₆ alkynyl, hydroxyl, amino, or COOQ, C 6-10 aryl which is unsubstituted or monoor di-substituted with OH, SH, amino, halogen or C₁₋₆ alkyl, or a hydroxy protecting group;

Q is C_{1-6} alkyl, C_{2-6} alkenyl, or C_{2-6} alkynyl;

2 is ORb:

Rb is H, straight chain, branched chain or cyclic C₁₋₆ alkyl which is unsubstituted or substituted by nalogen, nitro, CONH₂, COOH, O-C₁₋₆ alkyl, O-C₂₋₆ alkenyl, O-C₂₋₆ alkynyl, hydroxyl, amino, or COOQ, C₂₋₆ alkenyl which is unsubstituted or substituted by or substituted by halogen, nitro, CONH₂, COOH, O-C₁₋₆ alkyl, O-C₂₋₆ alkenyl, O-C₂₋₆ alkynyl, hydroxyl, amino, or COOQ, C₂₋₆ alkynyl which is unsubstituted or substituted by or substituted by halogen, nitro, CONH₂, COOH, O-C₁₋₆ alkyl, O-C₂₋₆ alkenyl, O-C₂₋₆ alkynyl, hydroxyl, amino, or COOQ, C₁₋₆ acyl, or a hydroxy protecting group;

- D₁ and D₂ are each independently N₃, F, or H, wherein D₁ and D₂ are not both H; or
- D₁ and D₂ together form <u>=CH₂, =CF₂, or</u> C₃-cycloalkyl which is unsubstituted or substituted by or substituted by halogen, nitro, CONH₂, COOH, O-C_{1.6} alkyl, O-C_{2.6} alkenyl, O-C_{2.6} alkynyl, hydroxyl, amino, or COOQ. =CH₃, or =CF₂;

with the provise that when B is adenine, Z is ORb, D_1 is H, D_2 is H and Rb is H, Ra is not triplesphate or H.

- 2. (Currently Amended): A method according to claim 1 19, wherein Z is OH.
- 3. (Previously Presented): A method according to claim 2 wherein D_1 is H and D_2 is F.
- (Previously Presented): A method according to claim 2, wherein Ra is H, monophosphate, diphosphate, or triphosphate.
 - (Previously Presented): A method according to claim 2 wherein Ra is triphosphate.
 - (Previously Presented): A method according to claim 2 wherein Ra is H.
- (Previously Presented): A method according to claim 3, wherein Ra is H, monophosphate, diphosphate, or triphosphate.
 - 8. (Previously Presented): A method according to claim 3 wherein Ra is triphosphate.
 - 9. (Previously Presented): A method according to claim 3 wherein Ra is H.
- (Previously Presented): A method according to claim 2, wherein B is adenin-9-yl, guanin-9-yl, inosin-9-yl, 2-amino-purin-9-yl, 2-amino-o-chloro-purin-9-yl,
 2-6-diamino-purin-9-yl, thymin-1-yl, cytosin-1-yl, uracil-1-yl, 3-carboxamido-1,2,4-triazol-1-yl,
 3-deaza-adenin-9-yl,
 3-deaza-adenin-9-yl,
 3-deaza-2-amino-o-chloro-purin-9-yl
 3-deaza-2-amino-o-chloro-purin-9-yl

deaza-guanin-9-yl, 7-deaza-nosin-9-yl, 7-deaza-2-amino-purin-9-yl, 7-deaza-2-amino-6chloro-purin-9-yl, 7-deaza-2-6-diamino-purin-9-yl, 7-deaza-8-aza-adenin-9-yl, 7-deaza-8-azaguanin-9-yl, 7-deaza-8-aza-inosin-9-yl, 7-deaza-8-aza-2-amino-purin-9-yl, 7-deaza-8-aza-2amino-6-chloro-purin-9-yl, 7-deaza-8-aza-2-6-diamino-purin-9-yl, 8-aza-adenin-9-yl, 8-azaguanin-9-yl, 8-aza-inosin-9-yl, 8-aza-2-amino-purin-9-yl, 8-aza-2-amino-6-chloro-purin-9-yl, 8-aza-2-6-diamino-purin-9-yl, 5-aza-thymin-1-yl, 5-aza-cytosin-1-yl, 5-aza-uracil-1-yl, 6-azathymin-1-yl, 6-aza-cytosin-1-yl, or 6-aza-uracil-1-yl;

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which in each case is unsubstituted or substituted by at least one of NHR3, C_{1-6} alkyl, - $OC_{1\text{-6}}$ alkyl, Br, Cl, F, I or OH, wherein R_3 is H, $C_{1\text{-6}}$ alkyl or $C_{1\text{-6}}$ acyl.

(Previously Presented): A method according to claim 3, wherein B is 11. adenin-9-yl, guanin-9-yl, inosin-9-yl, 2-amino-purin-9-yl, 2-amino-6-chloro-purin-9-yl, 2-6-diamino-purin-9-yl, thymin-1-yl, cytosin-1-yl, uracil-1-yl, 3-carboxamido-1,2,4-triazol-1yl, 3-deaza-adenin-9-yl, 3-deaza-guanin-9-yl, 3-deaza-inosin-9-yl, 3-deaza-2-amino-purin-9-yl, 3-deaza-2-amino-6-chloro-purin-9-yl 3-deaza-2-6-diamino-purin-9-yl, 7-deaza-adenin-9-yl, 7deaza-guanin-9-yl, 7-deaza-inosin-9-yl, 7-deaza-2-amino-purin-9-yl, 7-deaza-2-amino-6chloro-purin-9-yl, 7-deaza-2-6-diamino-purin-9-yl, 7-deaza-8-aza-adenin-9-yl, 7-deaza-8-azaguanin-9-yl, 7-deaza-8-aza-inosin-9-yl, 7-deaza-8-aza-2-amino-purin-9-yl, 7-deaza-8-aza-2amino-6-chloro-purin-9-yl, 7-deaza-8-aza-2-6-diamino-purin-9-yl, 8-aza-adenin-9-yl, 8-azaguanin-9-yl, 8-aza-inosin-9-yl, 8-aza-2-amino-purin-9-yl, 8-aza-2-amino-6-chloro-purin-9-yl, 8-aza-2-6-diamino-purin-9-yl, 5-aza-thymun-1-yl, 5-aza-cytosin-1-yl, 5-aza-uracil-1-yl, 6-azathymin-1-yl, 6-aza-cytosin-1-yl, or 6-aza-uracil-1-yl;

which in each case is unsubstituted or substituted by at least one of NHR3, C1-6alkyl, - OC_{1-6} alkyl, Br, Cl, F, I or OH, wherein R_3 is H, C_{1-6} alkyl or C_{1-6} acyl.

- (Previously Presented): A method according to claim 2, wherein B is adenin-9yl, guanin-9-yl, inosin-9-yl, 2-amino-purin-9-yl, 2-amino-6-chloro-purin-9-yl, 2-6-diaminopurin-9-yl, thymin-1-yl, cytosin-1-yl, 5-fluoro-cytosin-1-yl, uracil-1-yl, 5-fluorouracil or 1,2,4triazole-3-carboxamide base.
 - (Previously Presented): A method according to claim 3, wherein B is adenin-9-13.

yl, guamn-9-yl, nosin-9-yl, 2-amino-purin-9-yl, 2-amino-chloro-purin-9-yl, 2-6-diamino-purin-9-yl, thymin-1-yl, cytosin-1-yl, 5-fluoro-cytosin-1-yl, uracil-1-yl, uracil-1-yl,

- 14. (Previously Presented): A method according to claim 1, wherein the compound is:
 - 3'-fluoro-3'-deoxyguanosine or a pharmaceutically acceptable salt thereof;
- 3'-fluoro-3'-deoxyguanosine -5'triphosphate or a pharmaceutically acceptable salt thereof:
 - 3'-fluoro 3'-deoxycytidine or a pharmaceutically acceptable salt thereof;
 - 3'-fluoro 3'-deoxycytidine-5'triphosphate or a pharmaceutically acceptable salt thereof;
 - 3'-spirocyclopropyl-3'-deoxyguanosine or a pharmaceutically acceptable salt thereof;
- 3'-spirocyclopropyl-3'-deoxyguanosine -5'triphosphate or a pharmaceutically acceptable salt thereof:
- ${\it 3'-diffuoro-spirocyclopropyl-3'-deoxyguanosine\ or\ a\ pharmaceutically\ acceptable\ salt\ thereof;}$
- 3'-difluoro-spirocyclopropyl-3'-deoxyguanosine -5'triphosphate or a pharmaceutically acceptable salt thereof:
 - 3'-methylene-3'-deoxyguanosine or a pharmaceutically acceptable salt thereof:
- 3'-methylene-3'-deoxyguanosine -5'triphosphate or a pharmaceutically acceptable salt thereof:
 - 3'-difluromethylene 3'-deoxyguanosine or a pharmaceutically acceptable salt thereof;
- 3'-difluromethylene 3'-deoxyguanosine -5'triphosphate or a pharmaceutically acceptable salt thereof:
 - 3'-spirocyclopropyl-3'-deoxycytidine or a pharmaceutically acceptable salt thereof;
- 3'-spirocyclopropyl-3'- deoxycytidine -5'triphosphate or a pharmaceutically acceptable salt thereof:
- 3'-difluoro-spirocyclopropyl-3'- deoxycytidine or a pharmaceutically acceptable salt thereof;
 - 3'- difluoro-spirocyclopropyl-3'- deoxycytidine -5'triphosphate or a pharmaceutically

acceptable salt thereof;

- 3'-methylene-3'- deoxycytidine or a pharmaceutically acceptable salt thereof;
- 3'-methylene-3'- deoxycytidine -5'triphosphate or a pharmaceutically acceptable salt thereof;
 - 3'-difluromethylene 3'- deoxycytidine or a pharmaceutically acceptable salt thereof;
- 3'-difluromethylene 3'- deoxycytidine -5'triphosphate or a pharmaceutically acceptable salt thereof;
 - 3'-azido-3'- deoxycytidine or a pharmaceurically acceptable salt thereof; or
 - 3'-azido-3'- deoxycytidine 5'triphosphate or a pharmaceutically acceptable salt thereof.
- 15. (Currently Amended): A method according to claim 1.49, further comprising administering at least one further therapeutic agent chosen from interferon, interferon α-2a, interferon α-2b, consensus interferon, ribavirin, amantadine, rimantadine, interleukine-12, ursodeoxycholic acid, glycyrrhizin and silybum marianum.
- 16. (Previously Presented): A method according to claim 2, further comprising administering at least one further therapeutic agent chosen from interferon, interferon α -2a, interferon α -2b, consensus interferon, ribavirin, amantadine, rimantadine, interleukine-12, ursodeoxycholic acid, glycyrrhizin and silybum marianum.
- 17. (Previously Presented): A method according to claim 3, further comprising administering at least one further therapeutic agent chosen from interferon, interferon α-2a, interferon α-2b, consensus interferon, ribavirin, amantadine, rimantadine, interleukine-12, ursodeoxycholic acid, glycyrrhizin and silybum mananum.
- 18. (Previously Presented): A method according to claim 14, further comprising administering at least one further therapeutic agent chosen from interferon, interferon α -2a, interferon α -2b, consensus interferon, ribavirin, amantadine, rimantadine, interleukine-12, ursodeoxycholic acid, glycyrrhizin and silvbum marianum.

- 19. (Cancelled):
- (Currently Amended): A method according to claim 1 49, wherein
 Ra is H, monophosphate, diphosphate, triphosphate, carbonyl substituted by C₁₋₆ alkyl,
 C₂₋₆ alkenyl, C₂₋₆ alkvnyl, or C₆₋₁₀ aryl or

Rc is, in each case independently, H, C_{1-0} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{6-10} aryl or a hydroxy protecting group selected from acetyl-2-throughly ester, pivaloyloxymethyl ester and isopropyloxycarbonyloxymethyl ester; and

Rb is H, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} acyl, or a hydroxy protecting group selected from acetyl-2-thioethyl ester, pivaloyloxymethyl ester and isopropyloxycarbonyloxymethyl ester.

- 21. (Currently Amended): A method according to claim 1/49, wherein B is adenun-9-yl, guanin-9-yl, inosin-9-yl, 2-amino-purin-9-yl, 2-amino-6-chloro-purin-9-yl, 2-6-diamino-purin-9-yl, thymin-1-yl, cytosin-1-yl, uracii-1-yl, or 3-carboxamido-1,2,4-triazol-1-yl, which in each case is unsubstituted or substituted by at least one of NHR3, C1-4alkyl, -OC1-6alkyl, Br, Cl, F, 1 or OH, wherein R3 is H, C1-4alkyl or C1-6acyl.
- (Currently Amended): A method according to claim 1, 149, wherein B is adenin-9-yl, guanin-9-yl, 2-amino-purin-9-yl, 2-amino-purin-9-yl, 2-6-diamino-purin-9-yl, thymin-1-yl, cytosin-1-yl, uracil-1-yl, which in each case is unsubstituted or substituted by at least one of NHR₃, C₁-alkyl, -OC₁₋₆alkyl, Br, Cl, F, 1 or OH, wherein R₃ is H, C₁₋₆alkyl or C₁₋₆acyl.
- (Currently Amended): A method according to claim 149, wherein B is guanin-9-yl, cytosin-1-yl, uracil-1-yl, which in each case is unsubstituted or substituted by at least one of NHR₃, C₁₋₆alkyl, -OC₁₋₆alkyl, Br, Cl, F, 1 or OH, wherein R₃ is H, C₁₋₆alkyl or C₁₋₆acyl.

- 24. (Currently Amended): A method according to claim <u>1</u> 19, wherein B is guanin-9-yl, cytosin-1-yl, 5'-fluoro-cytosin-1-yl, 5'-fluorouracil -1-yl or uracil-1-yl.
 - 25. (Currently Amended): A method according to claim 1 19, wherein B is

wherein

X is H, halogen or NHR10;

 R_{10} is H, C_{1-6} acyl, C_{1-6} alkyl, C_{2-6} alkenyl, or C_{2-6} alkynyl;

Y is H, halogen or NHR_{11} ;

R₁₁ is H, C₁₋₆acyl, C₁₋₆ alkyl, C₂₋₆ alkenyl, or C₂₋₆ alkynyl;

Y2 is H, halogen or NHR12;

R₁₂ is H, C₁₋₆acyl, C₁₋₆ alkyl, C₂₋₆ alkenyl, or C₂₋₆ alkynyl;

 R_{9} is H, hydroxy protecting group, $C_{1\text{-}6}$ acyl, $C_{1\text{-}6}$ alkyl, $C_{2\text{-}6}$ alkenyl, or $C_{2\text{-}6}$ alkynyl;

Y3 is H, halogen or NHR13;

 R_{13} is H, C_{1-6} acyl, C_{1-6} alkyl, C_{2-6} alkenyl, or C_{2-6} alkynyl;

 R_7 is H, halogen, C_{1-6} acyl, C_{1-6} alkyl, C_{2-6} alkenyl, or C_{2-6} alkynyl; and

 R_8 is H, halogen, $C_{1\text{-}6}acyl,\,C_{1\text{-}6}$ alkyl, $C_{2\text{-}6}$ alkenyl, or $C_{2\text{-}6}$ alkynyl.

- (Previously Presented): A method according to claim 25, wherein X is H, F, or 26. NHR10, R10 is H, Y is H, F, or NHR11, R11 is H, Y2 is H, F, or NHR12, R12 is H, R9 is H, Y3 is H. F. or NHR13, R13 is H, R7 is H, F, or C16 alkyl, and R8 is H, F, or C16 alkyl.
- (Currently Amended): A method according to claim 1 49, wherein Z is F or 27 ORb, and Rb is H or methyl.
- (Currently Amended): A method according to claim 1 49, wherein D1 and D2 28. are N3, F, or H in which D1 and D2 are not both H, or D1 and D2 together form cyclopropyl, difluorocyclopropyl -= CH2, or -= CF2.
- 29 (Currently Amended): A method according to claim 1 19, wherein said compound is administered in an amount of 0.01 to about 750 mg/kg of body weight per day.
- (Currently Amended): A method according to claim 1 19, wherein said compound is administered in unit dosages containing 10 to 1500 mg of said compound per unit dosage.
- (Previously Presented): A method according to claim 15, wherein said 31. compound and said further therapeutic agent are each administered as a formulation which further contains a pharmaceutically acceptable carrier.
- 32. (Previously Presented): A method according to claim 31, wherein said compound and said further therapeutic agent are sequentially administered, in separate or combined pharmaceutical formulations.
- 33 (Previously Presented): A method according to claim 31, wherein said compound and said further therapeutic agent are simultaneously administered, in separate or combined pharmaceutical formulations.
 - 34 (Previously Presented): A method according to claim 1, wherein said host is a 10

human.

 (Currently Amended): A method according to claim 1 49, wherein said host is a human.

 (Previously Presented): A method according to claim 2, wherein said host is a human.

 (Previously Presented): A method according to claim 3, wherein said host is a human.

 (Previously Presented): A method according to claim 14, wherein said host is a human.

39. (Currently Amended): A method for the treatment or prevention of an hepatitis C infection in a host comprising administering a therapeutically effective amount of a compound having the formula Ib or a pharmaceutically acceptable salt thereof:



wherein

B is a nucleotide purine radical, a nucleotide pyrimidine radical or an analogue of a nucleotide purine radical or a nucleotide pyrimidine radical, wherein said analogue is derived by replacement of a CH moiety by a nitrogen atom in a nucleotide purine or pyrimidine radical, replacement of a nitrogen atom by a CH moiety in a nucleotide purine or pyrimidine radical, or both; or derived by removal of ring substituents of said nucleotide purine radical or pyrimidine

radical; or combinations thereof; and said analogue is optionally substituted by halogen, hydroxyl, amino, or C_{1-6} alkyl;

Ra is H.

monophosphate, diphosphate, triphosphate,

carbonyl which is substituted by a straight, branched or cyclic alkyl having up to 6 C atoms wherein the alkyl is unsubstituted or substituted by halogen, nitro, CONH₂, COOH, O-C₁₋₆ alkyl, O-C₂₋₆ alkenyl, O-C₂₋₆ alkynyl, hydroxyl, amino, or COOQ,

C_{2.6} alkenyl which is unsubstituted or substituted by halogen, nitro, CONH₂, COOH, O-C_{1.6} alkyl, O-C_{2.6} alkenyl, O-C_{2.6} alkynyl, hydroxyl, amino, or COOQ, C_{2.6} alkynyl which is unsubstituted or substituted by halogen, nitro, CONH₂, COOH, O-C_{1.6} alkyl, O-C_{2.6} alkenyl, O-C_{2.6} alkynyl, hydroxyl, amino, or COOQ, C_{0.10} aryl which is unsubstituted or mono- or di-substituted with OH, SH, amino, halogen or C_{1.6} alkyl, or

Rc is, in each case independently, H, straight chain, branched chain or cyclic C₁₋₆ alkyl which is unsubstituted or substituted by or substituted by halogen, nitro, CONH₂, COOH, O-C₁₋₆ alkyl, O-C₂₋₆ alkenyl, O-C₂₋₆ alkenyl, hydroxyl, amino, or COOQ, C₂₋₆ alkenyl which is unsubstituted or substituted by or substituted by halogen, nitro, CONH₂, COOH, O-C₁₋₆ alkyl, O-C₂₋₆ alkenyl, O-C₂₋₆ alkynyl, hydroxyl, amino, or COOQ, C₂₋₆ alkynyl which is unsubstituted or substituted by or substituted by halogen, nitro, CONH₂, COOH, O-C₁₋₆ alkyl, O-C₂₋₆ alkenyl, O-C₂₋₆ alkynyl, hydroxyl, amino, or COOQ, C 6-10 aryl which is unsubstituted or monoor di-substituted with OH, SH, amino, halogen or C₁₋₆ alkyl, or a hydroxy protecting group;

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Q is C1-6 alkyl, C2-6 alkenyl, or C2-6 alkynyl;

- Z is ORb; Rb is H, straight chain, branched chain or cyclic C_{16} alkyl which is unsubstituted or substituted by or substituted by halogen, nitro, CONH2, COOH, O-C1-6 alkyl, O- C_{2-6} alkenyl, O- C_{2-6} alkynyl, hydroxyl, amino, or COOQ, C_{2-6} alkenyl which is unsubstituted or substituted by or substituted by halogen, nitro, CONH2, COOH, O-C $_{1:6}$ alkyl, O-C $_{2:6}$ alkenyl, O-C $_{2:6}$ alkynyl, hydroxyl, amino, or COOQ, C $_{2:6}$ alkynyl which is unsubstituted or substituted by or substituted by halogen, nitro, CONH2, COOH, O-C1-0 alkyl, O-C2-0 alkenyl, O-C2-0 alkynyl, hydroxyl, amino, or COOQ, C 1-6 acyl, or a hydroxy protecting group;
- D_1 and D_2 are each independently $N_3, F,$ or $H_{_2}$ wherein D_1 and D_2 are not both H_7 or D_1 and D_2 together form $\underline{=CH_2, -\underline{=CF_2, or}}$ C_3 -cycloalkyl which is unsubstituted or substituted by or substituted by halogen, nitro, CONH2, COOH, O-C1-6 alkyl, O- C_{2-6} alkenyl, O- C_{2-6} alkynyl, hydroxyl, amino, or COOQ, — CH_4 , or — CF_2 ; with the provisos that:

when B is adenine, Z is ORb, D. is H, D. is H and Rb is H, Ra is not triphosphate or H, and

said method does not include administration of an interferon.

(Previously Presented): A method according to claim 39, wherein said host is a 40. human.